

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_92314
Title of the Manuscript:	Geo-spatial Analysis of the Nexus between Population Growth, Environmental Transformation and Local People's Livelihoods in Coastal Areas: The Case of Kigamboni Municipality, Tanzania
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	The research approach used is appropriate and conventional. The procedures, however, are not clear since some key elements of data processing and analysis are necessary for reader comprehension and research replication. To activate the Random Forest classifier in the R program, the author must specify the image classification script employed in the processing. Include the confusion matrix for the random forest model to support the generated land-cover change matrix. The study also has not yet demonstrated a link between population growth and environmental change (landuse cover). The report does not contain population figures for the studied periods (1995 and 2012). To justify the influence of population on landuse change, its necessary to established the predictive or significant value of change in the city. You might perhaps regress population and landuse/cover change for the research period.	
Minor REVISION comments	The landuse cover map generated for Kigamboni district map to include the Indian ocean to depict it coastal nature like map (a) in Figure 2. Check for typographical and grammatical errors in text(See attached manuscript).	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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